Index of Claims

| Α | ppl | ica | tion | /Con | trol | No. |
|---|-----|-----|------|------|------|-----|
|---|-----|-----|------|------|------|-----|

10/669,063

ł

Examiner

Binh X. Tran

Applicant(s)/Patent under Reexamination

SHAHEEN, MOHAMAD A.
Art Unit

1765

| √ | Rejected |
|---|----------|
| = | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| + | Restricted                     |

| Z | Non-Elected  |
|---|--------------|
| _ | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Cla           | aim      |           |                 | _        |              | Dat          | е        |                 |          |  | ]        | Cla                  | im       | Ľ.   |          |           | Date   | •        |         |                   | С     | laim       |  |                 |          | _(       | Date      | 9        |          |          |          |
|---------------|----------|-----------|-----------------|----------|--------------|--------------|----------|-----------------|----------|--|----------|----------------------|----------|--|----------|-----------|--|----------|---------|-------------------|-------|------------|--|-----------------|----------|----------|-----------|----------|----------|----------|----------|
| Final         | Original | 7/28/06   |                 |          |              |              |          |                 |          |  |          | Final                | Original |  |          |           |  |          |         |                   | Final | Original   |  |                 |          |          |           |          |          |          |          |
| 1             | 1        | =         |                 |          |              |              |          |                 |          |  | ]        |                      | 51       |  |          |           |  |          |         |                   |       | 101        |  |                 |          |          |           |          |          | $\Box$   |          |
| 5             | 2        | =         |                 |          |              |              |          |                 |          |  |          |                      | 52       |  |          |           |  |          |         |                   |       | 102        |  |                 |          |          |           |          |          |          | $\Box$   |
| 6             | 3        | =         |                 |          |              | L            | <u> </u> | $oxed{igspace}$ | ╙        |  |          |                      | 53       | Ш  |          |           | $\perp$  |          |         |                   |       | 103        | <u> </u>   | Ш               | $\Box$   |          |           |          |          |          | $\sqcup$ |
| 7_            | 4        | =         | Ш               |          | L            | L            | ㄴ        | ـــــ           | <u> </u> | _  |          | Щ.                   | 54       | Ш  | 4        | $\bot$    | $\perp$  | _        | $\perp$ | $\perp$           |       | 104        |  |                 |          |          |           |          |          | $\dashv$ | _        |
| 8             | 5        | ≞         | Ш               |          | <u> </u>     | <u> </u>     | <u> </u> |                 | ↓_       | _  |          |                      | 55       |  |          |           |  | _        |         | 4_                |       | 105        | <u> </u>   | Ш               |          |          |           |          | Ш        | 4        | _        |
| 9             | 6        | =         | $\vdash$        |          | _            | ļ            | ┡        | ╄-              |          | ╀  | -        | <b>—</b>             | 56       | Н  | -        | 4         | $\perp$  | _        | _       |                   |       | 106        | <u> </u>   | Ш               | $\dashv$ | _        | $\Box$    | Ш        |          | $\dashv$ | ᅬ        |
| 10            | 7        | =         | $\vdash \vdash$ |          | <u> </u>     | <u> </u>     | -        | _               | ┼        | ↓_   | -        | $\vdash$             | 57       |  |          | +         | $\vdash$   | $\dashv$ | _       | +                 | L     | 107        | <u> </u>   | Ш               |          |          |           |          | $\perp$  | $\dashv$ | ᅴ        |
| 11<br>12      | 8        | 11 11     | $\vdash$        | _        | $\vdash$     | ⊢            | ├        | ╀               | ╀        | ┝  | -        | $\vdash$             | 58<br>59 |  | +        |           | +  | $\dashv$ | -       | ╂                 |       | 108        | <u> </u>   | Н               | $\dashv$ |          |           |          |          | $\dashv$ | ᅴ        |
| 2             | 9<br>10  | =         | $\vdash$        | -        | _            | ├            | ├        | ╁               | ╁        | ┼  | ┨        | $\vdash$             | 60       | $\vdash$   |          |           | +  | $\dashv$ |         | +                 |       | 109        | ⊢  | Н               | $\dashv$ | -        | -         |          |          | $\dashv$ | ᅱ        |
| 13            | 11       | =         | Н               |          | -            | ⊢            | ⊢        | ╁               | ╁        | ╁  | ┨        |                      | 61       | $\vdash$   | -        | +         | +  | $\dashv$ | +       | +                 |       | 110        | ⊢  | -               | -        | -        | $\dashv$  |          | $\dashv$ | $\dashv$ | ᅱ        |
| 14            | 12       | =         | $\vdash$        |          | <del> </del> | $\vdash$     | $\vdash$ | $\vdash$        | $\vdash$ | -  | 1        | $\vdash\vdash$       | 62       | $\vdash$   | +        | +         | +  | $\dashv$ | +       | +                 | ļ     | 112        | ╁  | $\vdash$        | $\dashv$ |          |           | $\vdash$ | $\dashv$ | +        | ᅱ        |
| 15            | 13       | Ξ         | $\vdash \vdash$ |          | $\vdash$     | $\vdash$     | $\vdash$ | $\vdash$        | 1        | ╁  | 1        | $\vdash$             | 63       | $\vdash$   | +        | +-        | +  | +        | +       | +                 |       | 113        | _  | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$  |          | -        | $\dashv$ | $\dashv$ |
| 3             | 14       | =         | H               |          | $\vdash$     | <del> </del> | $\vdash$ | $\vdash$        | ╁        | H  | 1        | $\vdash$             | 64       | $\vdash$   | $\dashv$ | +         | +  | $\dashv$ | +       | +-                | -     | 114        | ├-   | $\vdash$        | $\dashv$ |          | $\dashv$  | $\vdash$ |          | +        | $\dashv$ |
|               | 15       | $\vdash$  | Н               | $\dashv$ | -            |              | T        | 1-              | $t^-$    | <del>                                     </del> | 1        |                      | 65       | <del>                                     </del> | +        | +         | +  | $\dashv$ | +-      | +                 |       | 115        | <del>                                     </del> | $\vdash$        | $\dashv$ | $\dashv$ |           |          | $\dashv$ | $\dashv$ | $\dashv$ |
|               | 16       |           | H               |          | _            | $\vdash$     |          | t               | 十        | $t^-$  | 1        |                      | 66       | $\vdash$   | $\neg$   | +         | 1  | $\dashv$ | _       | +                 |       | 116        | H  | Н               | $\neg$   | _        | _         |          | $\dashv$ | $\dashv$ | ᅥ        |
|               | 1        |           | П               |          | _            |              |          | T               | T        | <del>                                     </del> | 1        |                      | 67       | H  | $\dashv$ | $\top$    | 11   | -        | +       | $\vdash$          |       | 117        | -  |                 | $\dashv$ |          | $\neg$    | $\vdash$ | _        | -        | ᅱ        |
|               | 18       |           | П               |          |              |              | H        |                 | 1        |  | 1        |                      | 68       | H  |          | 十         | 1  | $\top$   | +       | $\dagger \lnot$   |       | 118        |  |                 | $\neg$   |          |           |          | $\dashv$ | 十        | ᅥ        |
|               | 19       |           | П               |          |              |              | $\vdash$ | $\vdash$        | $\top$   | T  | 1        |                      | 69       |  |          |           |  | 十        |         | +                 |       | 119        |  | Н               | _        | $\neg$   |           | П        | 寸        | 一        | ᅱ        |
|               | 20       |           |                 |          |              |              |          |                 |          |  | 1        |                      | 70       |  |          |           | $\top$   |          |         |                   |       | 120        | 1  | П               |          |          |           | $\Box$   | 寸        | $\dashv$ | ヿ        |
| 16            | 21       | ıı        |                 |          |              |              |          |                 |          |  |          |                      | 71       |  |          |           |  |          |         | 17                |       | 121        |  | П               |          |          |           |          |          | ヿ        | ヿ        |
| 20            | 22       | =         |                 |          |              |              |          |                 |          |  |          |                      | 72       |  |          |           |  |          |         |                   |       | 122        |  |                 | $\neg$   |          |           |          |          | $\neg$   | ヿ        |
| 21            | 23       | =         |                 |          |              |              |          |                 |          |  |          |                      | 73       |  | $\Box$   |           |  |          |         |                   |       | 123        |  |                 |          |          |           |          | $\Box$   |          | П        |
| 17            | 24       | =         |                 | $\Box$   |              |              | L        | L               | L        |  |          |                      | 74       | Ш  | _L       |           | $\perp$  |          | $\perp$ |                   |       | 124        |  |                 |          |          |           |          |          |          |          |
| 18            | 25       | =         |                 | _        |              |              |          | <u></u>         | <b>└</b> |  |          |                      | 75       |  |          |           |  |          |         |                   |       | 125        |  | Ш               |          |          |           |          |          | $\Box$   |          |
| 22            | 26       | =         |                 | _        |              |              |          | <u> </u>        | <u> </u> | _  |          | L                    | 76       |  |          |           | $\sqcup$   |          |         | $\perp$           |       | 126        |  |                 |          |          |           |          |          | $\perp$  |          |
| 23            | 27       | =         |                 | _        | _            | _            | _        | _               | _        |  | <b>.</b> |                      | 77       | Ц  |          |           | $\sqcup$   | _        |         | ╨                 |       | 127        |  |                 | _        | _        |           |          | _        | $\dashv$ | _        |
| 24            | 28       | =         | -               | $\dashv$ | _            | <u> </u>     | <u> </u> | <u> </u>        | ↓_       | _  | Į        |                      | 78       |  | _        | 4         | $\sqcup$   | $\perp$  |         |                   |       | 128        |  | Ш               | $\dashv$ | _        | _         |          | _        | _        | _        |
| 25            | 29       | =         | $\dashv$        | $\dashv$ | _            |              | _        | <u> </u>        | <u> </u> | _  | Į        | $\vdash \vdash$      | 79       | Н  | _        | _         | 1  | _        | 4       | $\bot$            |       | 129        | _  | Щ               | _        | _        | _         |          | _        |          | ᅵ        |
| 4             | 30       | =         | $\dashv$        | -        |              |              | <u> </u> | _               | _        | _  |          | L                    | 80       | $\vdash$   | -        | +         | <del>                                     </del> | 4        | _       | $\bot$            |       | 130        | $ldsymbol{ldsymbol{ldsymbol{eta}}}$              | Ш               | _        | _        | _         |          | _        | $\dashv$ | _        |
| 19            | 31       | =         | $\dashv$        |          |              | <u> </u>     | <u> </u> | -               | _        | <u> </u>   |          | $\vdash$             | 81       | $\dashv$   | _        | +-        | $\vdash$   | -        | +       | +                 |       | 131        |  | Ш               | _        | _        | <b></b> ↓ | _        | _        | 4        | 4        |
|               | 32<br>33 |           | $\dashv$        | $\dashv$ |              | -            | -        | ├               |          |  |          | $\vdash \rightarrow$ | 82       | $\dashv$   | +        |           | +  | -        | +       | + $+$             |       | 132        |  | $\vdash$        | _        |          | -         | $\dashv$ | 4        | +        | $\dashv$ |
| $\overline{}$ | 34       |           | $\dashv$        | $\dashv$ |              | $\vdash$     | ├        | ⊢               | $\vdash$ | -  | 1        | $\vdash \rightarrow$ | 83<br>84 |  | +        | +-        | +  | -+       |         | +                 |       | 133<br>134 | <u> </u>   | $\vdash \vdash$ | $\dashv$ |          |           |          | -        | +        | $\dashv$ |
|               | 35       | -         | -               | -        | -            | $\vdash$     |          | $\vdash$        | ┢        | -  | l        | $\vdash$             | 85       | $\vdash$   | $\dashv$ | +         | ┥┥   | +        | +       | +                 |       | 135        | <u> </u>   | $\vdash \vdash$ |          |          | $\dashv$  |          | $\dashv$ | +        | $\dashv$ |
|               | 36       | -         | -               |          | $\dashv$     | $\vdash$     | $\vdash$ | $\vdash$        | -        | -  | ł        | ┝╼┥                  | 86       |  | +        | +-        | ╁┼   | +        | +       | +                 |       | 136        | $\vdash$   | $\vdash$        |          | $\dashv$ | $\dashv$  | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |
| $\dashv$      | 37       |           | $\dashv$        | -        |              | -            | -        | $\vdash$        | -        |  |          | $\vdash$             | 87       | $\dashv$   | +        |           | +  | $\dashv$ | +       | +                 |       | 137        | Н  | $\vdash$        | $\dashv$ | $\dashv$ | -         |          | $\dashv$ | +        | ᅱ        |
| $\dashv$      | 38       |           | $\dashv$        | -        | -            | H            | -        |                 |          | <del>                                     </del> | 1        | ├─┤                  | 88       | $\vdash \vdash$                                  | +        | +-        | ┼┤   | $\dashv$ | +       | +                 |       | 138        | $\vdash$   | $\vdash$        | $\dashv$ | -        | $\dashv$  | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |
|               | 39       | $\exists$ | <b>-</b> †      | $\dashv$ | $\neg$       | Н            | $\vdash$ |                 | -        | <del>                                     </del> |          | $\vdash$             | 89       | $\vdash \vdash$                                  | +        | +         | +-1  | +        | +       | +                 |       | 139        | $\vdash$   | $\vdash$        | $\dashv$ |          | -         | $\dashv$ | $\dashv$ | +        | $\dashv$ |
|               | 40       |           | $\dashv$        | 7        | $\dashv$     | $\vdash$     | $\vdash$ | 1               | $\vdash$ | $\vdash$   |          |                      | 90       | $\vdash$   | $\dashv$ | +         | H  | +        | +-      | +                 |       | 140        | Н  | $\vdash$        | $\dashv$ | $\dashv$ | $\neg$    | $\dashv$ | $\dashv$ | $\dashv$ | ᅱ        |
| - 1           | 41       |           | $\dashv$        | 7        | $\dashv$     | П            |          | П               | Т        | $\vdash$   | 1        |                      | 91       | $\vdash$   | $\dashv$ | +         | H  | $\dashv$ | _       | $\dagger \dashv$  |       | 141        | $\vdash$   | $\vdash$        | -        | $\dashv$ | _         | $\dashv$ | +        | 十        | ᅥ        |
|               | 42       |           | $\neg$          |          |              |              |          | П               |          |  |          |                      | 92       | $\dashv$   | _        | $\dagger$ | $\dagger$  | 十        | $\top$  | $\dagger \exists$ |       | 142        | $\Box$   | $\vdash$        | $\dashv$ | $\neg$   | _         | $\dashv$ | -        | 十        | ᅥ        |
|               | 43       |           | $\Box$          | $\neg$   |              |              |          | П               | П        |  | 1        |                      | 93       | $\Box$   | $\dashv$ | $\top$    | $\sqcap$   | 十        | $\top$  | $\top$            |       | 143        | П  | П               | _        |          | $\dashv$  | _        | $\dashv$ | 十        | $\dashv$ |
|               | 44       |           |                 |          |              |              |          |                 |          |  |          |                      | 94       |  |          |           | $\sqcap$   | 十        | T       | $\top$            |       | 144        |  | П               | 一        |          | $\dashv$  |          | $\dashv$ | $\top$   | $\dashv$ |
|               | 45       |           |                 |          |              |              |          |                 |          |  |          |                      | 95       |  | T        | T         | $\sqcap$   | $\neg$   | 1       | $\sqcap$          |       | 145        |  | $\Box$          | 一        | $\neg$   | $\neg$    | 寸        | _        | 十        | ヿ        |
|               | 46       |           |                 | J        |              |              |          |                 |          |  |          |                      | 96       |  |          | T         |  | $\Box$   | T       | П                 |       | 146        |  | $\Box$          | 寸        | $\neg$   | $\neg$    | $\neg$   | 寸        | $\top$   | ᆌ        |
|               | 47       |           |                 | J        |              |              |          |                 |          |  |          |                      | 97       |  |          |           |  | T        | $\top$  | П                 |       | 147        |  | $\Box$          | 7        | 寸        | $\neg$    | $\neg$   | 寸        | $\dashv$ | ヿ        |
| I             | 48       |           |                 | $\Box$   |              |              |          |                 |          |  |          |                      | 98       |  |          |           |  |          |         | T                 |       | 148        |  |                 | $\neg$   | 寸        | $\neg$    | ヿ        | ┪        | 丁        | ٦        |
| [             | 49       |           | [               |          |              |              |          |                 |          |  |          |                      | 99       |  |          |           |  | $\Box$   | $\Box$  |                   |       | 149        |  |                 |          | J        |           | ╛        | J        | I        | $\Box$   |
|               | 50       |           |                 | $\perp$  | $\Box$       |              | لـــا    |                 |          | L  |          |                      | 100      |  |          |           | $\Box$   |          | Т       |                   |       | 150        |  |                 |          |          | П         | T        | T        | Т        | ٦        |